



PATENT

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Jeanne Connelly

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Usama Fayyad et al.
 Application No. : 09/755,971 Confirmation No. 5152
 Filed : January 5, 2001
 For : IDENTIFYING AND REPORTING ON FREQUENT
 SEQUENCES OF EVENTS IN USAGE DATA

.Art Unit	:	2152
Docket No.	:	342818020US
Date	:	July 13, 2001

Commissioner for Patents
 Washington, DC 20231

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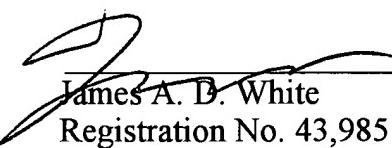
Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO/SB/08A (copies of the cited references, as required under 37 C.F.R. § 1.98, are enclosed). Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information of which they are aware that is believed relevant to the patentability of the above-identified application, applicants believe that their invention is patentable. As to any document supplied, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and

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Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,
Perkins Coie LLP



James A. D. White
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Enclosures:

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Cited References 6

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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COMPLETE IF KNOWN

Application Number	09/755,971
Filing Date	January 5, 2001
First Named Inventor	Usama Fayyad
Group Art Unit	2152
Examiner Name	

Sheet 1 of 1 Attorney Docket No. 342818020US

U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS

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OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

*EXAMINER INITIALS	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.	T
	AG	Rakesh Agrawal and Ramakrishnan Srikant, "Fast Algorithms for Mining Association Rules," Proceedings of the 20 th VLDB Conference, Santiago, Chile, 1994.	
	AH	Rakesh Agrawal et al., "Fast Discovery of Association Rules," Advances in Knowledge Discovery and Data Mining, 1996.	
	AI	Ashok Savasere et al., "An Efficient Algorithm for Mining Association Rules in Large Databases," VLDB '95, Proceedings of the 21 st International Conference on Very Large Data Bases, Zurich, Switzerland, September 11-15, 1995.	
	AJ	Rakesh Agrawal, "Mining Association Rules Between Sets of Items in Large Databases," Proceedings of the 1993 ACM SIGMOD International Conference on Management of Data, SIGMOD '93, Washington, DC, May 26-28, 1993.	
	AK	Heikki Mannila et al., "Discovery of Frequent Episodes in Event Sequences," February 1997.	
	AL	Rakesh Agrawal and Ramakrishnan Srikant, "Mining Sequential Patterns," Eleventh International Conference on Data Engineering, March 6-10, 1995, Taipei, Taiwan.	
	AM		

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